To: Barbara Nann/R6/USEPA/US@EPA From: Rita Engblom/R6/USEPA/US Date: 06/16/2010 02:32PM Cc: Garyg Miller/R6/USEPA/US@EPA Subject: Re: Gulfco AM

I'm gone till 7/8. I left the AM with Marie - use/don't use...I leave it up to y'all.

Rita Engblom 1445 Ross Avenue (6SF-PR) Dallas, TX 75202 214-665-8341 (work) 214-789-2302 (cell) 214-665-7447 (fax)

Re: Gulfco AM Link Nann Cc: Garyg Miller

06/16/2010 02:08 PM

...
What might help is sitting down together and going over sampling report that sampled the contents of the tank as well as the site visit on which the AM is based on. Are you available Mo

Barbara A. Nann Assistant Regional Counsel EPA Region 6 (6RC-S) 1445 Ross Avenue Dallas, TX 75202 phone: (214) 665-2157 fax: (214) 665-6460 nann.barbara@epa.gov Re: Gulfco AM

Re: Gulfco AM Link

Engblom
Cc: Garyg Miller, Marie Doty, Peycke.Mark, Susan Webster

06/16/2010 01:06 PM

sed - y'all have been telling me this is going to be an AOC, that the RP wants to do the work.

Comment 1: "There is no statements in there regarding why this is an ISE."

III. THREATS TO PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT, AND STATUTORY AND REGULATORY AUTHORITIES

Section 30.04.15 of the NCP lists the factors to be considered in determining the appropriateness of a removal action. Paragraphs (b)(Z)(i), (ii), (iii), and (iv) directly apply to the conditions at the site. Any one of these factors may be sufficient to justify a removal action.

1. Exposure to Human Papelations, Animalso of the Food Chains, NCF Section 30.04.15, (b)(E)(c).

A number of CERCLA hazardous substances have been document at the site, at levels which fail TCLP, including benzene, chloroform and chlorinated hydrocarbons.

The predominant threat to human populations was the potential for exposure by direct contact with hazardous waste at the site, including but not limited to benzene; chloroform; 1,2dichloroethane; trichloroethylene; tetrachloroethylene; and vinyl chloride.

Potentially, a wide array of adverse human health effects could occur through the inhalation, ingestion, or dermal contact with chemicals onsite. Effects include minor to severe trustoor of skin, mucros membrane, lung, and gastoninestical tract, neurological effects, death from systemic effects and applyxiation; blood effects, and oncer. Prostnial effects of some of the more unice chemicals which are hazardous substances as defined as Section 101(4) of SECRA, USA. C 9 901(14), as uncert. Prostnial effects of the system and the system of the s

- a. Beazing Benzene is a carcinogen. Systemic effects from exposure include tritution to mucous membranes, restlessness, convulsions, and depression.

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The majority of the land surface slopes to the east with surface vater draining to Drum Bay, Chrismas Bay, Bastrop Bay, and Galveston Bay. The southern part of the site drains to the south and enters the Intercoastal Waterway. The site is within the 100-year coastal flood plain along the north bank of the Intercoastal Waterway between Oyster Creek to the east and the Old Brazos River Channel and the Dow Barge Canal to the west. Sensitive ecosystems, including wetlands receiving drainage from the site could be impacted by the toxic contaminants identified on-site.

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4. Weather Conditions That May Cause the Release or Migration of Hazardous Substances, NCP Section 300.415(b)(2)(v)

The area receives an average of 51 inches of rain annually. The contaminants are subject to migration by entrain ent, windblown deposition and surface runoff. Located on the coast of Texas, the site is subject to tropical depressions and hurricanes. In 2008, the site received heavy rain and winds from Hurricane Ike.

Areas of the site north of Marlin Avenue dram to the northeast into emergent, estuarine, persistent, irregularly flooded wetlands. These wetlands are directly adjacent to the upland area of the surface impoundments on the north, east, and west. The overland segment distance from the surface impoundment to wetlands contiguous to Oyster Creek is less than 10 feet. These wetlands extend approximately 0.48 miles to Oyster Creek. See Attachment 4. According to the USFWS, Threatened and Endangered Species for Brazoria County include: bald eagle, brown pelican, green sea turtle, hawksbill sea turtle, Kemp's ridley sea turtle, leatherback sea turtle, loggerhead sea turtle, piping plover, and whooping crane.

IV. ENDANGERMENT DETERMINATION

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response action selected in this Action Memorandum, may present an imminent and substantial endangerment to public health, or welfare, or the environment,

mment 2: "All of the information is at least 3 years old. Nothing that has been looked at in the last 6 months that indicate an ISE now but not 3 years ago."

A site visit in on March 9, 2010 identified that corrosion of the tanks had resulted in complete penetration of the metal in some cases. The containment areas were approximately one-half full with water.

mment 3: __*There are 15 total. 4 of them empty. 4 contain hazardous substances. 7 contain other stuff."

Per past discussions with Gary and workplan I used 14. Do you want to use 15 now? How do you know 7 never contained hazardous materials? Why are you making an argument to just address 7 tanks - this is not what y'all said you wanted.

Comment 4: "The AM_just has a general statement regarding removal of the tanks."
Its is not uncommon to be more detailed in an AOC and/or workplan than the Action Memo if needed. The Action Memo is not intended to be a Statement of Work

Rita Engblom 1445 Ross Avenue (6SF-PR) Dallas, TX 75202 214-665-8341 (work 214-789-2302 (cell) 214-665-7447 (fax) Re: Gulfco AM

Re: Gulfco AM Link

Nann Cc: Garyg Miller, Marie Doty, Susan Webster, Peycke.Mark

A couple of comments regarding the Action Memo(AM). There is no statements in there regarding why this is an ISE. All of the information is at least 3 years old. Nothing that has been looked at in the last 6 months that indicate an ISE now but not 3 years ago. In addition, I don't know if you looked at the contents of the tanks. There are 15 total. 4 of them empty. 4 contain hazardous substances. 7 contain other stuff. The AMI just has a general statement regarding removal of the tanks. I don't know if we can justify that.

Barbara A. Nann
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Gulfco AM

Gulfco AM Engblom Cc: Garyg Miller, Barbara Nann, Susan Webster

06/16/2010 11:43 AM

Please review and route for concurrence. Attachments will follow in a separate email [attachment "GulfcoTanksAM.doc" deleted by Barbara Nann/Ré/USEPA/US]

Rita Engblom 1445 Ross Avenue (6SF-PR) Dallas, TX 75202